



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 88

SERIAL NUMBER 10/684,453	FILING DATE 10/15/2003  RULE	CLASS 711	GROUP ART UNIT 2188	ATTORNEY DOCKE NO. 500.35346CX3
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

### APPLICANTS

Yasutomo Yamamoto, Sagamihara-shi, JAPAN;

Akira Yamamoto, Sagamihara-shi, JAPAN;  
 Takao Satoh, Odawara-shi, JAPAN;

### \*\* CONTINUING DATA \*\*\*\*\*

This application is a CON of 10/112,865 04/02/2002 PAT 6,708,252  
 which is a CON of 09/335,175 06/17/1999 PAT 6,446,161 \*  
 which is a CON of 08/833,347 04/04/1997 PAT 5,956,750  
 (\*)Data provided by applicant is not consistent with PTO records.

R6B

### \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 08-085370 04/08/1996 R6B

### IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 01/16/2004

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	<i>R6B</i> Examiner's Signature	Initials	DRAWING 8	CLAIMS 22	CLAIMS 3

### ADDRESS

020457  
 ANTONELLI, TERRY, STOUT & KRAUS, LLP  
 1300 NORTH SEVENTEENTH STREET  
 SUITE 1800  
 ARLINGTON, VA  
 22209-9889

### TITLE

Apparatus and method for reallocating logical to physical disk devices using a storage controller, with access frequency and sequential access ratio calculations and display

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other
RECEIVED 806		